

GUANGYANG SECONDARY SCHOOL

Semester 2 Plan for Secondary 4E Science Physics (5076)

Curriculum

Textbook: Discover Physics for GCE 'O' Level Science

Theory Workbook: All About Science Physics 'O' Level

Term 3 Week	Chapter / Topic	Assignments/Tests
1 – 2	19: Electromagnetism	WB Ex 19F to 19I
3 – 8	Revision: 2017 to 2022 GCE O Level Exam Papers	Mock Practical Exam
9 – 10	Prelim Exam	-
Term 4 Week	Chapter / Topic	Assignments/Tests
1 – 2	Review of Prelim papers	-
3 – 5	Revision: Other Schools' Prelim Papers	-

Assessment Plan

Type	Timed Practice	Type	Preliminary Examination
Weightage	-	Weightage	70%

Exam format for Preliminary Examination

Science (Physics, Chemistry), 200 marks

- Science (Physics), 100 marks and
- Science (Chemistry), 100 marks

Preliminary Examination Sc(Physics) Components	Dates	Guidelines
<p><u>Paper 1</u> (40 marks)</p> <ul style="list-style-type: none">• 20 Multiple Choice Questions (Physics component)• 20 Multiple Choice Questions (Chemistry component) <p><u>Paper 2 – Physics</u> (65 marks)</p> <p><u>Section A</u> (45 marks)</p> <ul style="list-style-type: none">• Structured Questions <p><u>Section B</u> (20 marks)</p> <ul style="list-style-type: none">• 2 Free Response Questions (10 marks each) – answer any 2 out of 3 questions <p><u>Paper 3 – Chemistry</u> (65 marks)</p> <p><u>Section A</u> (45 marks)</p> <ul style="list-style-type: none">• Structured Questions <p><u>Section B</u> (20 marks)</p> <ul style="list-style-type: none">• 2 Free Response Questions (10 marks each) – answer any 2 out of 3 questions <p><u>Paper 5</u> (30 marks)</p> <p>Physics component (15 marks)</p> <p>Chemistry component (15 marks)</p>	Term 3 Weeks 9 – 10	<ul style="list-style-type: none">• All topics covered in the Science Physics syllabus.• Please ensure that you have a calculator and a protractor for the exam.• Answers to calculations expressed in 3 s.f.• Paper 1: Answer on OTAS• Paper 2: Answer all questions in spaces provided in the question paper.• Paper 5: one Physics experiment and one Chemistry experiment.